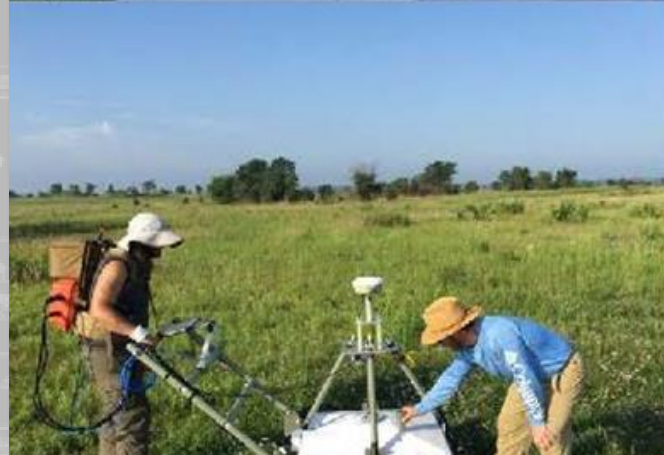


# GREAT LAKES AND OHIO RIVER DIVISION

## Program Overview Military Integration Division

Jeremy Cobb, PE, PMP  
Military Program Manager  
01 December 2021



US Army Corps  
of Engineers®





# Overview



- Military Programs
  - Military Construction
  - Installation Readiness
  - Environmental Programs
  - Interagency & International Services (IIS) Program
- Opportunities







# Military Programs

## Military Missions

- Military Construction (MIL)
- Installation Readiness (IR)
- Environmental (ENV)
- Interagency & International Services (IIS)

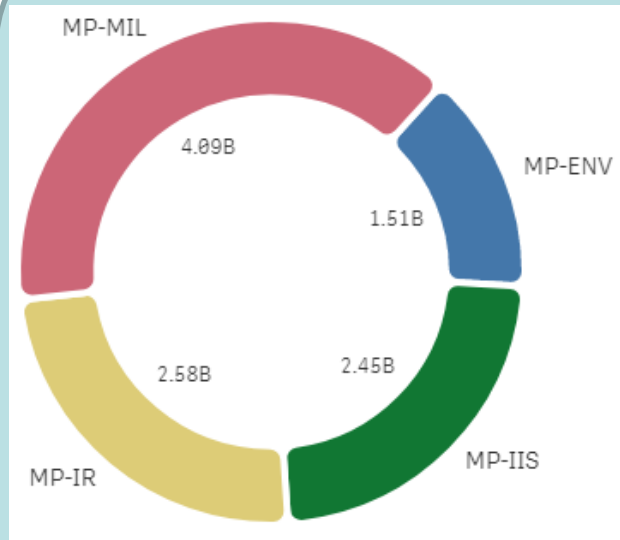
## Major Installations

- Ft Campbell
- Ft Knox
- Scott AFB
- Wright-Patterson AFB

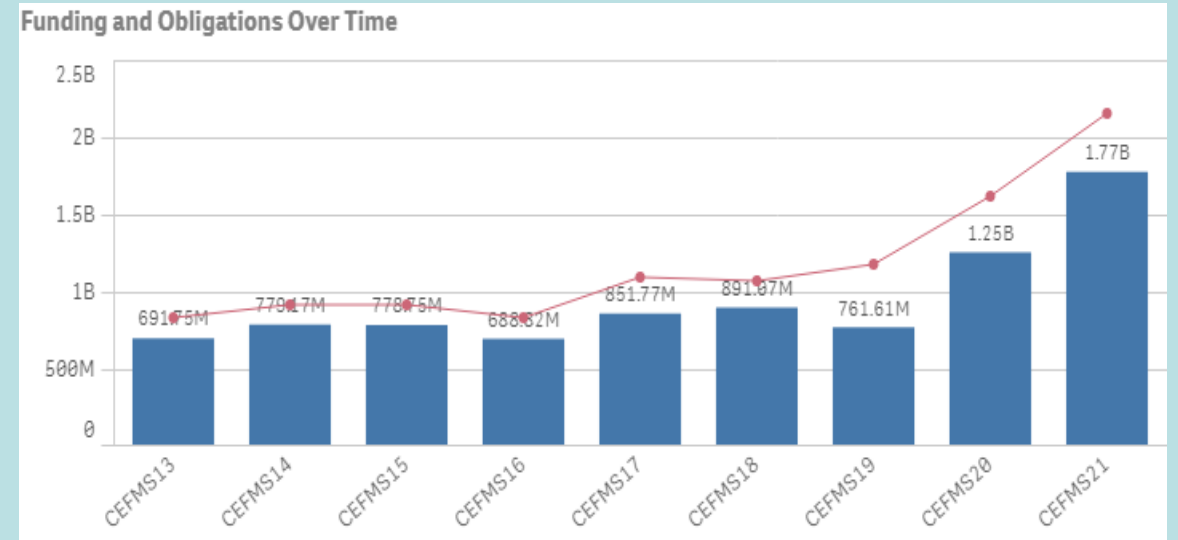
## Enterprise Missions

- Army & Air Force Reserve
- DoDEA FF&E (Furniture)

## Total Funding & Obligations FY13 – FY21



*Cumulative Obligations (FY13 - FY21)*



*Total FY Obligations and Funding Levels (FY13 - FY21)*



# Great Lakes and Ohio River Division



## Mission Overview

To provide engineering, construction, real estate, installation support, and environmental services for the Army, Air Force, Navy, Department of Defense (DoD) Agencies, Joint commands, and other U.S. federal agencies

## Encompasses 5 States:

(10) Army Installations

(4) Air Force Installations

(3) DoD Installations

Nationwide:     Army Reserve Program  
                     Air Force Reserve Program



# Military Construction Programs

## MILCON

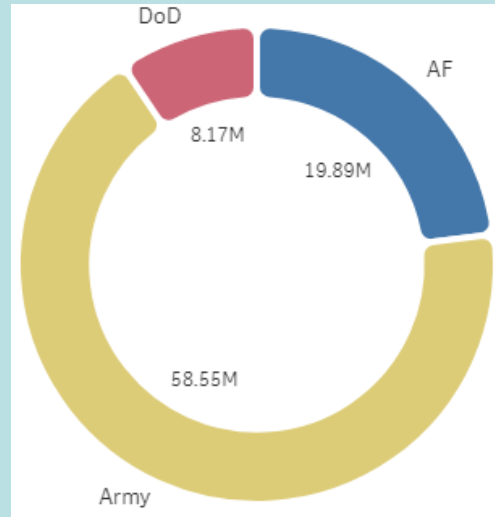
- Army (\$53.2M)
- Air Force (\$59.2M)
- Other DOD (\$22.4M)
- Army Reserve (\$149.6M)
- Air Force Reserve (\$56.1M)

## MINOR MILCON

- Army (\$3.9M)
- Army Reserve (\$25.2M)
- Air Force Reserve (\$19.7)

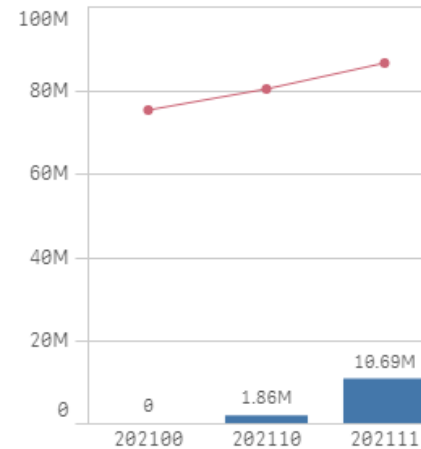
*Total Program Amounts*

## CFY MILCON Programs



*CFY Funding Received*

### Funding and Obligations Over Time



*Total Obligations and Funding Levels (CFY)*



# Installation Readiness Programs



## IR Programs

- Army
- Air Force
- Other DOD
- Army Reserve
- Air Force Reserve

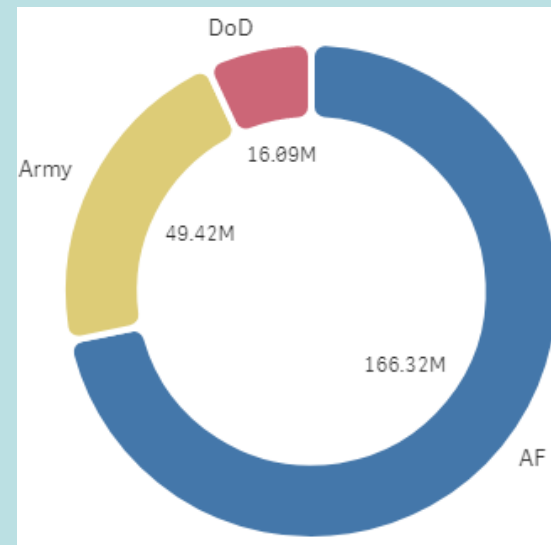
## Awarded SRM (CFY)

- Scott AFB - Renovate B1600 (\$113M)

## Pre-Award Opportunities

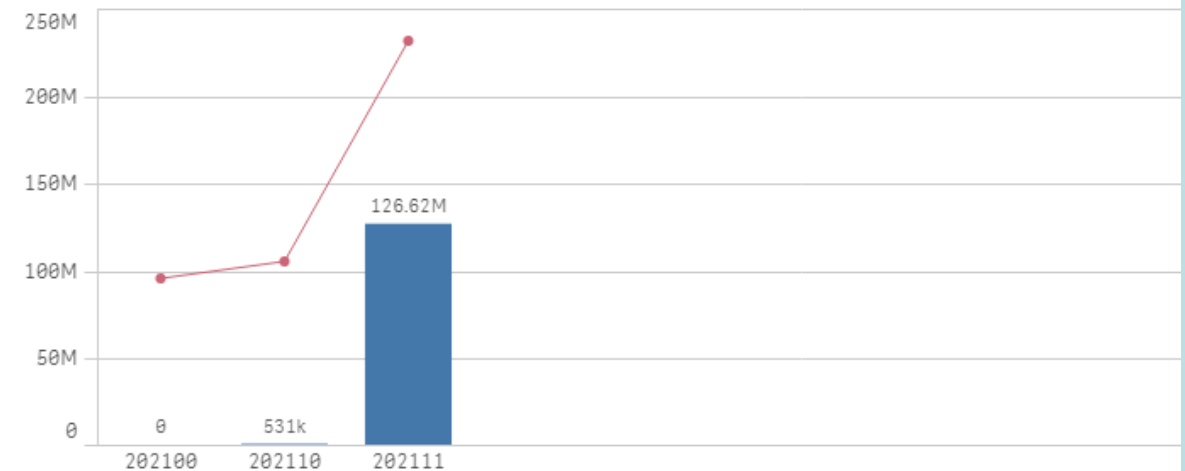
- WPAFB (Estimated \$632M)
- Army Reserve FFR (Estimated \$62M)
- Other Program Projects (Estimated \$232M)

## CFY O&M Programs



CFY Funding Received

### Funding and Obligations Over Time

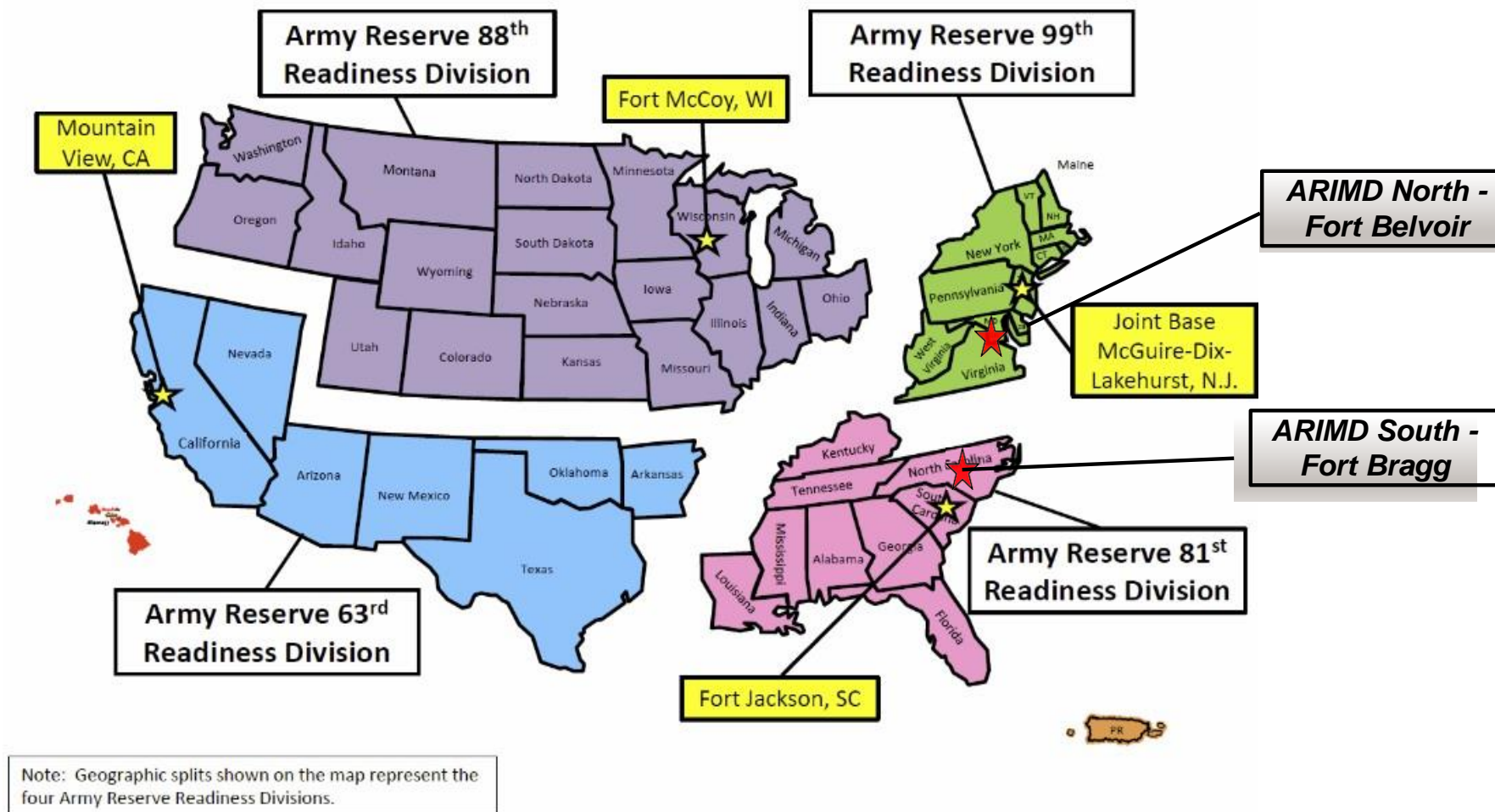


Total Obligations and Funding Levels (CFY)





# ARMY RESERVE PROGRAM



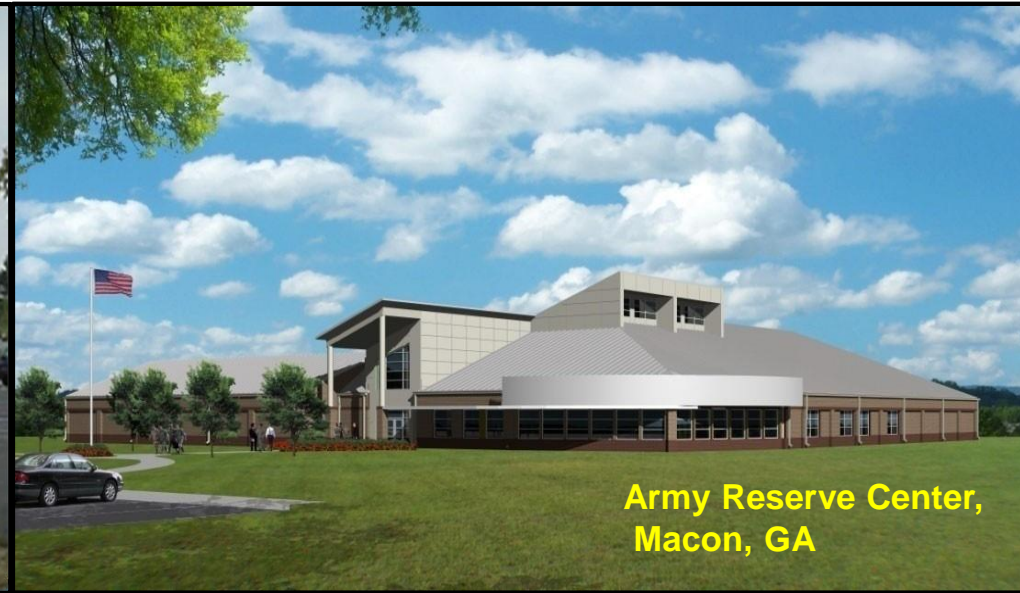




# TYPICAL ARMY RESERVE FACILITIES CONSTRUCTED NATIONWIDE



Army Reserve Center, Ft Knox, KY



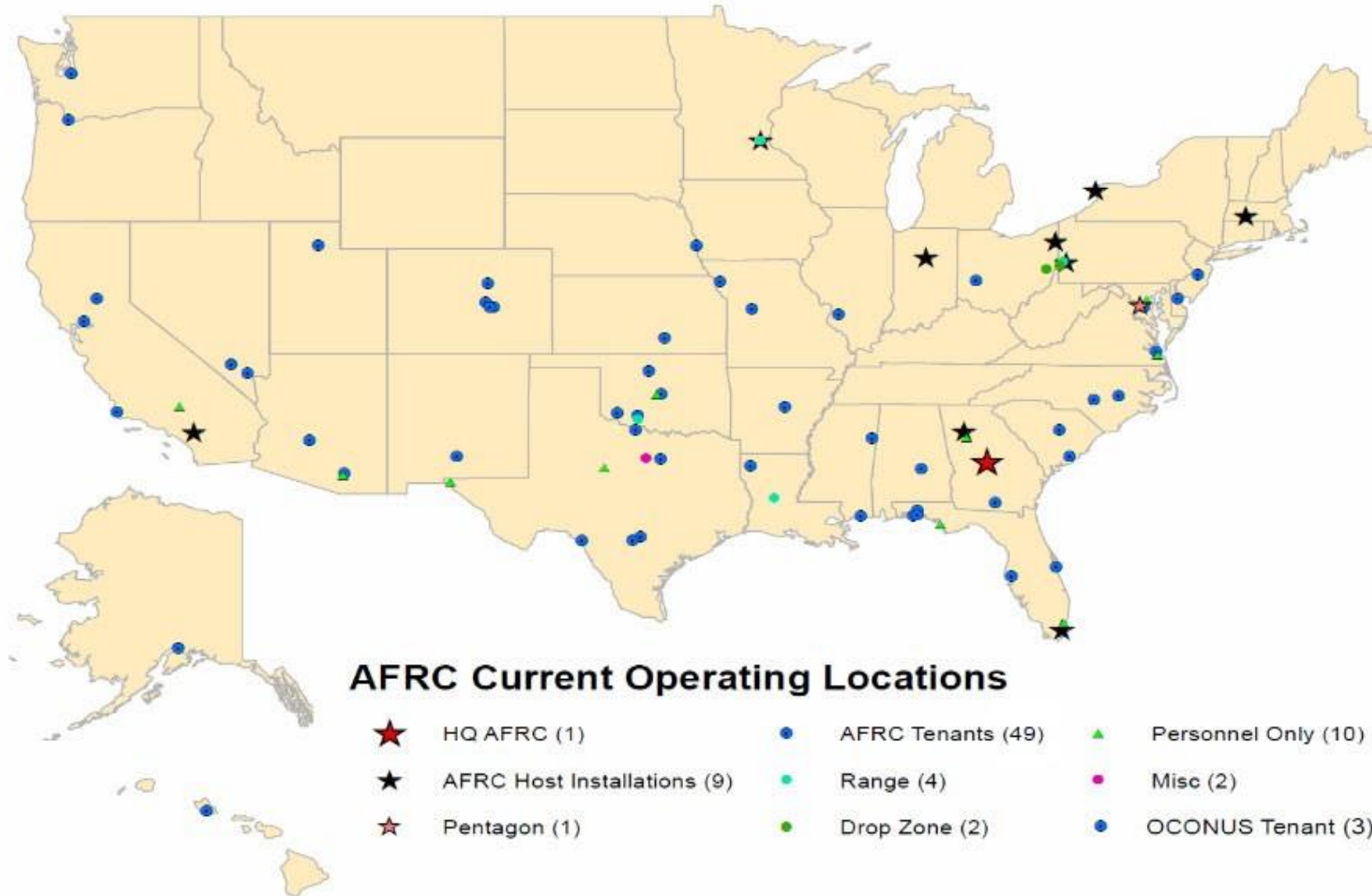
Army Reserve Center,  
Macon, GA



Armed Forces Reserve Center,  
White River Junction, VT



# AIR FORCE RESERVE PROGRAM







# TYPICAL AIR FORCE RESERVE FACILITIES CONSTRUCTED NATIONWIDE



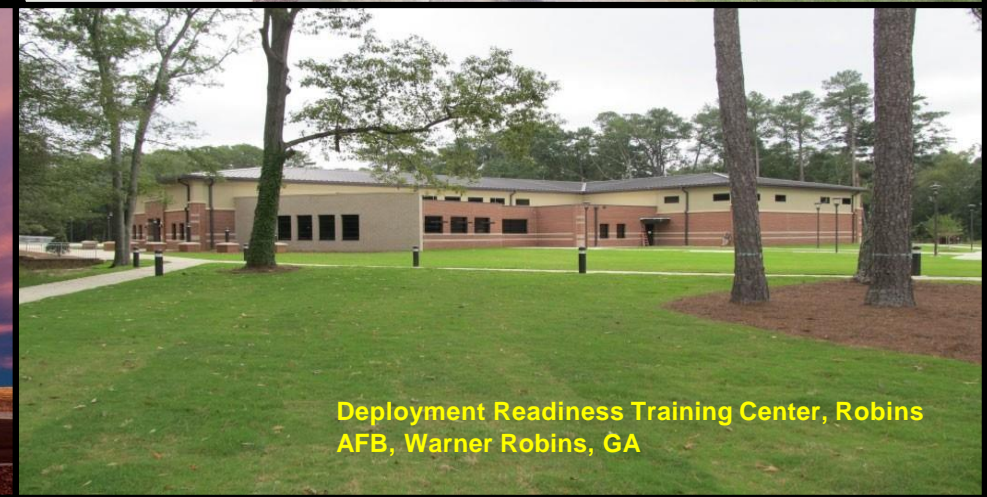
Airfield Control Tower & Base Ops Facility  
March Air Reserve Base, CA



Visitor's Quarters,  
Youngstown, OH



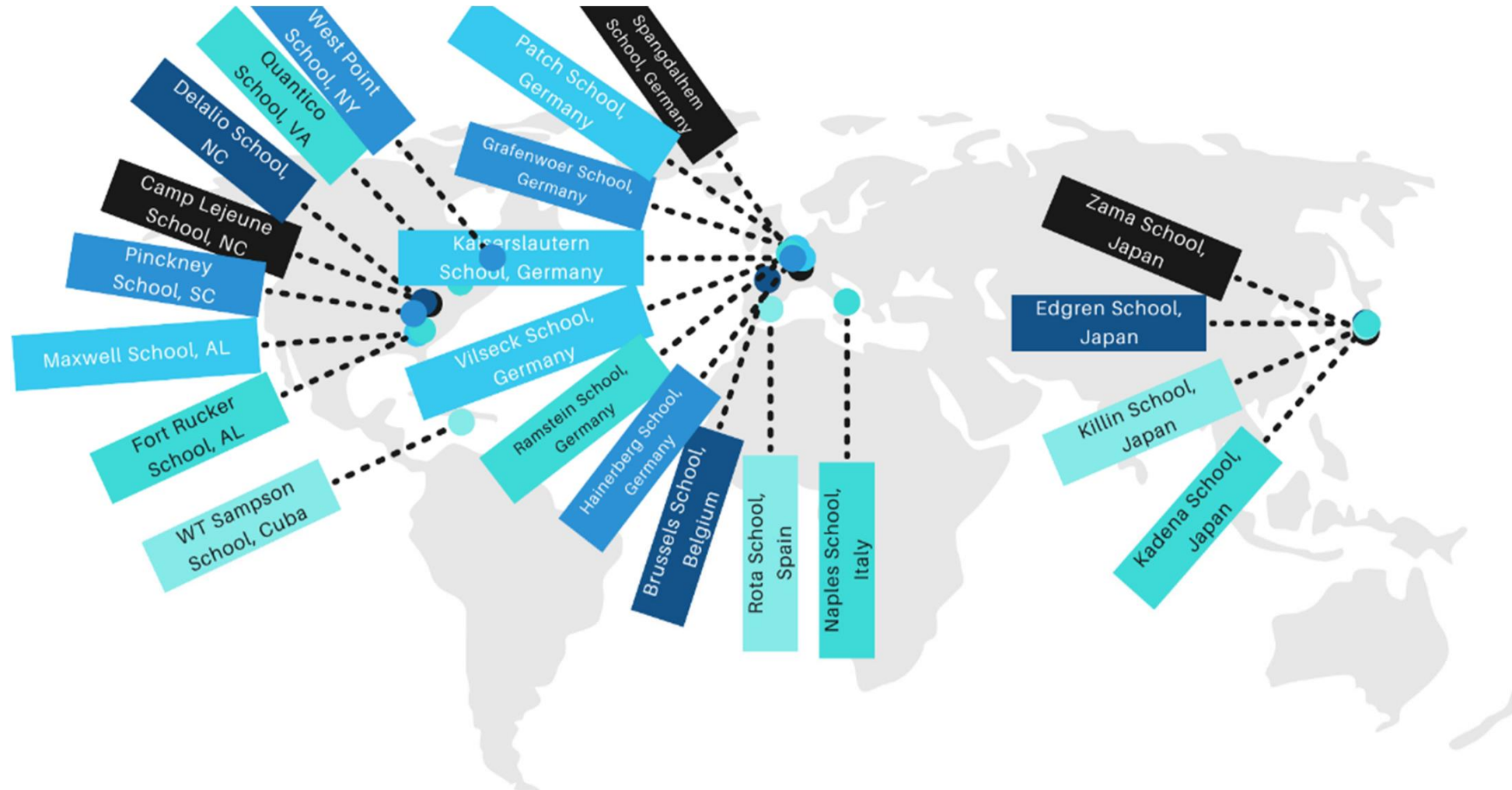
310<sup>th</sup> Space Wing HQ, Schriever AFB, CO



Deployment Readiness Training Center, Robins  
AFB, Warner Robins, GA



## LRL DODEA SUPPORT IN FY20 AND FY21

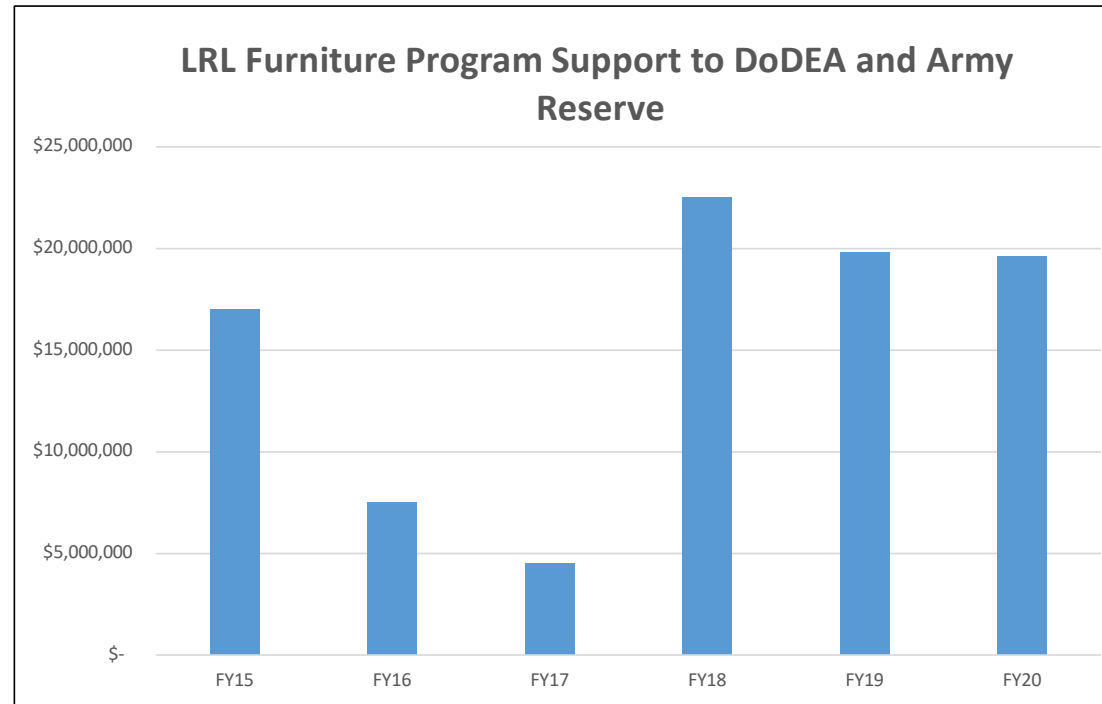






# ARMY RESERVE AND DODEA FURNITURE PROGRAM

- LRL supports the **Army Reserve** furniture program by designing and acquiring furniture for all new and renovated facilities
- LRL supports **DoDEA** with the outfitting and acquisition of furniture and special miscellaneous equipment (e.g., Audio Visual, Electronic Security Systems, AED, Scissor Lifts, and Fire Extinguishers) to support schools across the world.



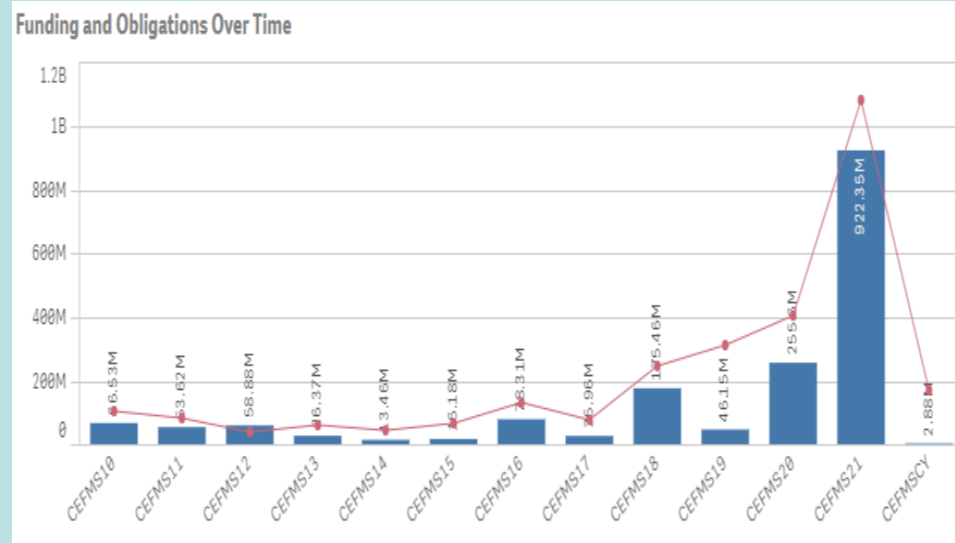
Note: Dollar value includes Army Reserve, DoDEA, and support for others



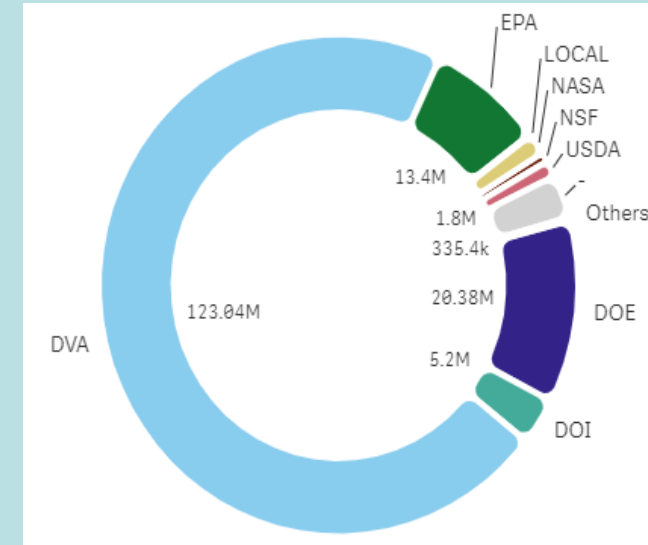
# International & Interagency Services Program

## LRD IIS Program Obligations

### FY10-CFY Trends



### FY22 – By Partner



## Support Provided to IIS Partners

- Design and Construction (Major/Minor/Maintenance and Repair)
- Environmental Restoration/Remediation
- Cost Engineering / Value Engineering
- Dredging and River Restoration
- Contracting
- Technical Assistance / Other

## IIS Strategic Partners

- DVA – CFM, VHA, NCA, BIM
- USDA – ARS, USFS
- EPA
- DOE- EM, PM
- DOI - NPS
- HHS - IBX
- DHS – CBP, ICE

## IIS Projects

- **DVA** - Outpatient Facility and Community Living Center, Canandaigua, NY
- **DVA** - Medical Facility, Louisville, KY
- **NPS** - Antarctic Infrastructure Modernization for Science
- **DOE** - Brookhaven National Laboratory Project
- **USDA** - ARS Labs NY & KY
- **USFS** - Road and Recreation Area Redevelopment, Allegheny National Forrest



# Mission Overview

## ■ Interagency and International Services (IIS) Program

LRD, through the IIS program, provides a multitude of professional services and technical products to non-Department of Defense federal agencies, state and local governments, tribal nations, private U.S. firms, international organizations, and foreign governments. USACE support helps meet other agencies' program challenges while avoiding duplication of federal capabilities.

IIS Work must meet the following requirements:

- Reimbursable
- NOT funded by a DOD appropriation
- Supports achievement of a customer function or objective (USACE is the servicing Agency)
- Not statutory or enduring in nature
- Not a contingency response activity



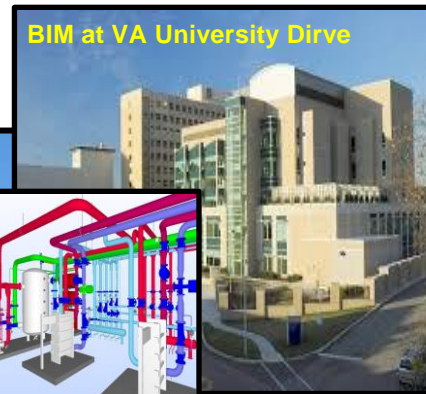
# TYPICAL IIS PROJECTS



DOE Oak Ridge

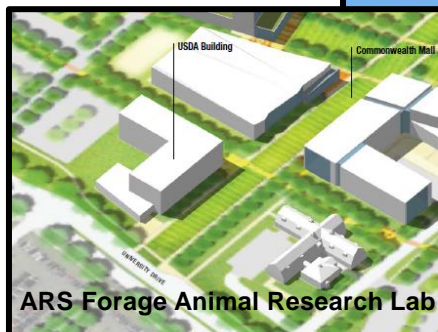


MHNC VA Cemetery Improvements



BIM at VA University Drive

Brookhaven National Laboratory



ARS Forage Animal Research Lab



VA Canandaigua, NY



Howard Bay EPA





# VA Major Construction Program

## Canandaigua VAMC

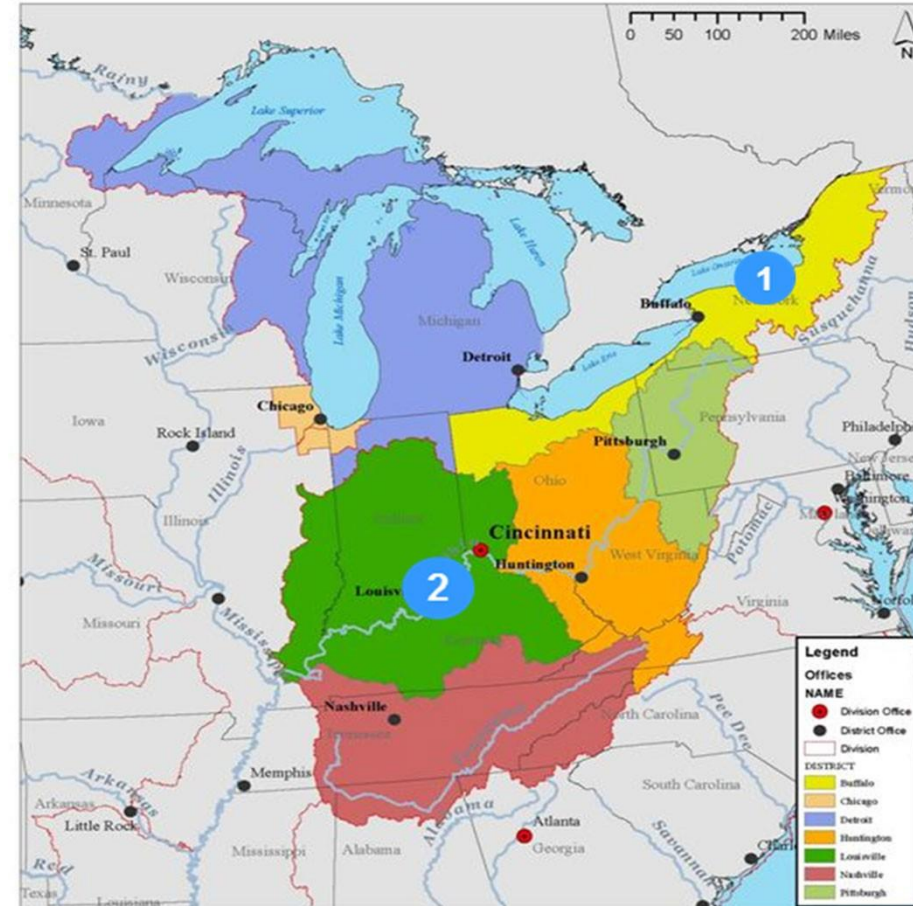
**Phase 1** – Constructs Outpatient Clinic (OPC) and Chiller Plant /Emergency Generator Bldg. Renovates existing Bldgs. 1 & 2 into OPC. Partial Demolition of Bldg. 2 and site utility upgrades.

**Phase 2** – Demolition of Bldgs. 33 & 34 to support construction of 96-bed Community Living Center (CLC) complex, Community Center Bldg and Bldg. 9 loading dock. Renovation of Bldg. 9.

Options: Additional 24-beds for CLC, Renovates Bldgs. 3, 4, and 5 to support Phase 1 OPC.

## Louisville VAMC

New VAMC campus includes the medical center, regional laundry, a central utility plant and new structured parking for approximately 2,600 vehicles. Total project scope is 973,148 SF.

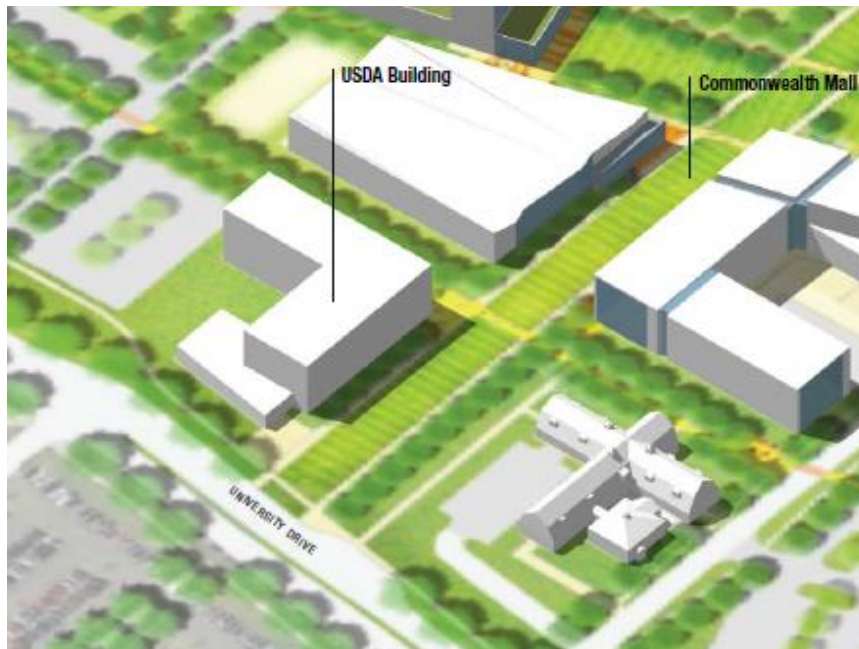




# US Department of Agriculture Research Service (ARS) Program

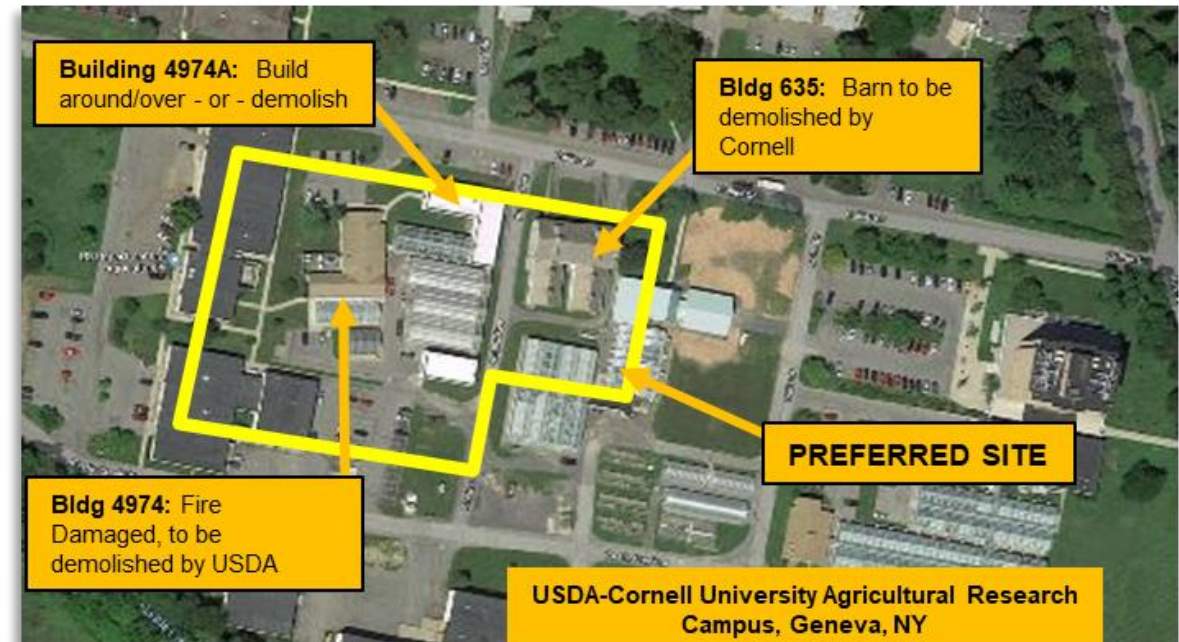


- USACE is providing engineering and construction services for the USDA- ARS program
- Facilities are on various universities (i.e. University of Kentucky and Cornell University)



## ARS Forage Animal Production Research Laboratory, Lexington KY

Plan, design and construct new research center including office/laboratory (64,239 GSF) and research greenhouses (11,164 GSF) for a total of 75,403 GSF



## ARS National Grape Improvement Center, Geneva NY

Plan, design and construct new research center including office/laboratory (42,900 SF) and research greenhouses (16,000 SF) for a total of 58,900 SF.



# The Great American Outdoor Act

- This Bill was signed under prev. Administration (Aug 2020), establishing the National Parks and Public Land Legacy Restoration Fund to support deferred maintenance projects on federal lands.
- Funds must be used for priority deferred maintenance projects in specified systems that are administered by
  - The National Park Service
  - The Forest Service
  - The U.S. Fish and Wildlife Service
  - The Bureau of Land Management
  - The Bureau of Indian Education







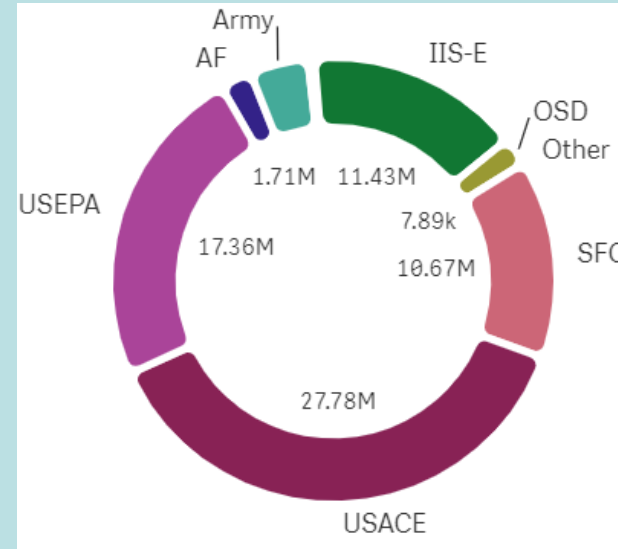
# Environmental Programs

## Programs (Qlik)

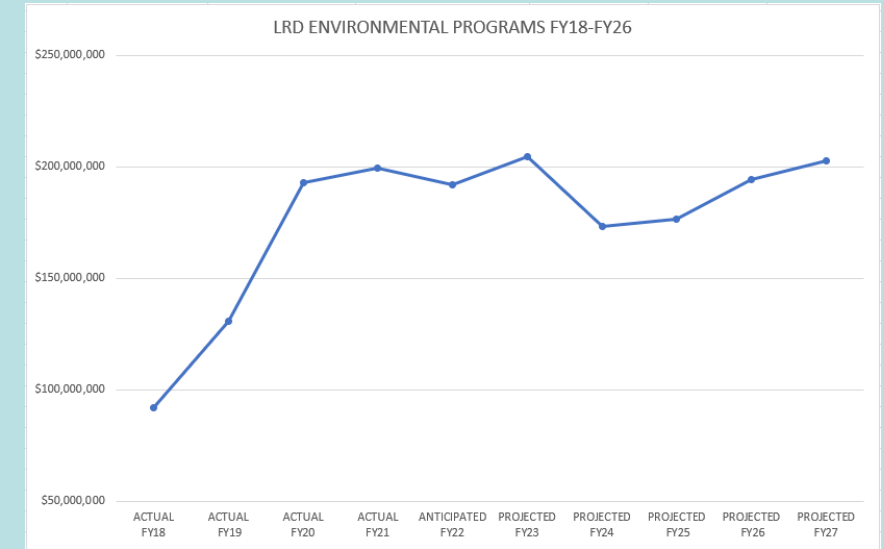
- Superfund (USEPA)
- FUDS (OSD)
- Air Force (AF)
  - DERP (\$0.37M)
  - EQ-AF (\$1.3M)
- Army
  - BRAC (\$0.8M)
  - DERP (\$2M)
  - EQ-Army (\$0.6M)
- SFO
- IIS-E
  - \$10.2M GLRI\*
- FUSRAP (USACE)\*

\* FUSRAP and GLRI – CW-funded, included in Env Metrics/Reporting

## FY22 Environmental (MP-ENV)



Funds Available \$73.9M  
Obligations \$7M



Actual, Anticipated, and Projected Workload \*

\*Oct 21 early REAMP

## District Program Support

LRC - EQ, Superfund, IIS-E, SFO  
LRB - FUSRAP, IIS-E, DERP, Superfund  
LRE - Superfund, IIS-E  
LRH – Superfund, IIS-E, SFO  
LRL - EQ, BRAC, FUDS, Superfund, DERP, SFO  
LRN - EQ  
LRP - FUSRAP, Superfund

## Acronyms

FUDS - Formerly Used Defense Sites  
DERP - Defense Environmental Restoration Program  
EQ - Environmental Quality  
BRAC - Base Realignment and Closure  
SFO – Support for Others (DOE, FEMA, EPA Non-Superfund)  
IIS-E - Interagency & International Services – Environmental  
GLRI - Great Lakes Restoration Initiative  
FUSRAP - Formerly Utilized Sites Remedial Action Program





# Mission Overview

## ■ Environmental Program

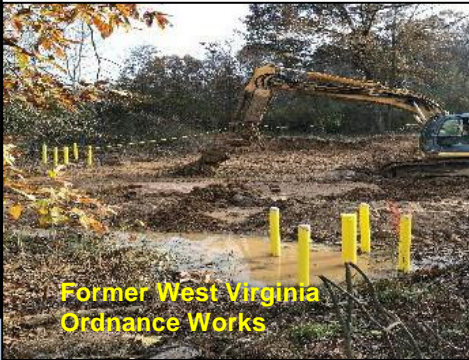
- ▶ The environmental cleanup programs focus on reducing risk and protecting human health and the environment in a timely and cost-effective manner.
- ▶ Manages, designs, and executes a full range of cleanup and protection activities, such as:
  - Cleaning up sites contaminated with hazardous, toxic or radioactive waste or ordnance through the Formerly Used Defense Sites program (FUDS)
  - Cleaning up low-level radioactive waste from the nation's early atomic weapons program through the Formerly Utilized Sites Remedial Action Program (FUSRAP)
  - Supporting the U.S. Environmental Protection Agency by cleaning up Superfund sites and working with its Brownfields and Urban Waters programs
  - Supporting the Army with the Base Realignment and Closure Act (BRAC) program
  - Ensuring that military installations comply with federal, state and local environmental laws
  - Conserving cultural and natural resources



# TYPICAL ENVIRONMENTAL PROJECTS



FUSRAP Luckey Building  
Deconstruction



Former West Virginia  
Ordnance Works



Rock Island Arsenal



Ft. Knox Incinerator Dump  
Site



Fort Sheridan, Landfill Waste Removal



Savanna Army Depot –  
Rear – Dock Area



Niagara Falls  
Storage Site



Integrated Wildland Fire Management Plan  
– Prescribed Burns



Savanna Army Depot – Hand Grenade  
Burial Site





# VERTICAL CONSTRUCTION OPPORTUNITIES

GREAT LAKES & OHIO RIVER DIVISION



Civil Works Boundary



Military Boundary



VA Louisville Medical Center



Phoenix Army Reserve Center



JOMPC  
Scott AFB

FY21 Total Vertical Construction	SB %	FY21 Total Small Business Vertical Construction
<b>\$1,325,926,455</b>	<b>16%</b>	<b>\$207,163,546</b>



# VERTICAL CONSTRUCTION OPPORTUNITIES



Solicitation Date	Primary NAICS Code	Project Name	Description	Place of Performance	Estimated \$ Range/ Magnitude of Construction	Competition Type	SubK Opportunity ?
2Q 2022	236220	Repair Roof, Exterior Doors, and Lightening Protection System - B3635	Repairs to roof, exterior doors and lighting protection system.	Andrews AFB, MD	Between \$1,000,000 and \$5,000,000	TBD	TBD
1Q 2022	236220	Army Reserve Center/Land (Asheville, NC)	Design & construct 300-man Reserve Center. Project will be utilized to develop standard design for small Reserve Centers.	Asheville, NC	Between \$10,000,000 and \$25,000,000	SBSA	TBD
3Q, 2023	236220	Beale 940 ARW Squad Ops & AMU Complex	Construct 41,500 sf facility (Squad Ops 2nd floor; AMU 1st floor).	Beale AFB, CA	Between \$25,000,000 and \$100,000,000	TBD	TBD
1Q 2022	236220	Crane Bldg. 2521 Metal Finishing Room Design	Details pending	Crane, IN	Between \$5,000,000 and \$10,000,000	TBD	TBD
1Q 2022	236220	Bldg. 198 Renovation	Renovation to demolish transite ceiling and roof, asbestos abatement, demo cell windows, remove blowout walls and security grates from two test cells, remove old ovens from three test cells. Roof repair, new gutters and down spouts.	Crane, IN	Between \$5,000,000 and \$10,000,000	TBD	TBD
3Q, 2022	236220	NSWC CRANE B3659 Composites Engr Innovation Ctr (CEIC0)	A new 18,000 +/- SF one story facility to accommodate approximately 40 occupants. Scope consists of site work, storm water management, utility services, bldg. construction and hardscapes.	Crane, IN	Between \$5,000,000 and \$10,000,000	TBD	TBD
2Q, 2023	236220	Detroit Arsenal Ground Systems Reliability Lab	No additional details	Detroit Arsenal, MI	Between \$25,000,000 and \$100,000,000	TBD	TBD
2Q, 2022	236220	Repair Fitness Center Building 167	Repairs to all areas at building 167, Physical Fitness Center	Ft. Buchanan, PR	Between \$5,000,000 and \$10,000,000	TBD	TBD
3Q 2022	236220	Army Reserve Center Ph. II CAP 089301 (Ft. Buchanan, PR)	Construct a 1000- member Army Reserve Center (ARC) Training Building near Fort Buchanan	Ft. Buchanan, PR	Between \$10,000,000 and \$25,000,000	TBD	TBD





# VERTICAL CONSTRUCTION OPPORTUNITIES



Solicitation Date	Primary NAICS Code	Project Name	Description	Place of Performance	Estimated \$ Range/ Magnitude of Construction	Competition Type	SubK Opportunity ?
1Q 2022	236220	Ft Devens Automated Multipurpose Machine Gun Range	Construct a Multipurpose Machine Gun (MPMG) Range at Fort Devens, Massachusetts. Primary facilities include a 4-lane Light MPMG, range operations control area, control tower, classroom building, operations/storage building, bleacher enclosure, covered mess, ammunition breakdown building, and pad for port-a-potty.	Ft. Devens, MA	Between \$5,000,000 and \$10,000,000	SBSA	TBD
1Q 2022	236220	DES-2021-MCAR- 081803-FORT MCCOY-USAR-02 - Transient Training Barracks	Construct an Open Bay, Transient Training Enlisted Barracks.	Ft. McCoy, WI	Between \$25,000,000 and \$100,000,000	TBD	TBD
1Q 2022	236220	CTGB 152012B Repair (Replace) Airfield Lighting Circuits (Phase B)	Replace airfield lighting circuits. Phase B. Approach Lighting System for runway 05, the threshold lighting bar at the end of runway 23, feeder cable from the hom runs to the ALS at both 23 and 05, taxiway G edge lighting and the airfield guidance sign system.	Grissom AFB, IN	Between \$10,000,000 and \$25,000,000	Unrestricted	TBD
4Q, 2023	236220	Grissom AR Logistics Readiness Complex	Construct a new Logistics Readiness Complex.	Grissom AFB, IN	Between \$25,000,000 and \$100,000,000	TBD	TBD
2Q 2023	236220	Forage Animal Production Research Laboratory (FAPRL)	Plan, design, construct new research center, office/lab (64,239 SF) and research greenhouses (11,164 SF)	Lexington, KY	Between \$25,000,000 and \$100,000,000	TBD	TBD
3Q 2022	236220	Repair Aircraft Maintenance B1455 for MH-139 Beddown	Renovate the nose bay of Building 1455 (21,721 SF) and construct admin area addition (1400 SF) to accommodate the simulator mission	Maxwell AFB, AL	Between \$5,000,000 and \$10,000,000	TBD	TBD
1Q 2022	236220	Army Reserve Center/Land (Perrine, FL)	Details pending	Perrine, FL	Between \$25,000,000 and \$100,000,000	TBD	TBD
3Q 2022	236220	FFR Cross Lanes WV AMSA VMS Repair	Repair 14,386 SF of AMSA and Vehicle Maintenance Shop space	Petersburg, WV	Between \$5,000,000 and \$10,000,000	TBD	TBD
1Q 2022	236220	Replace East/West Apron Phase I, Pittsburgh Int'l Airport	Details pending	Pittsburgh Int'l Airport, PA	Between \$10,000,000 and \$25,000,000	TBD	TBD
1Q 2022	236220	Replace East/West Phase II, Pittsburgh Int'l Airport	Details pending	Pittsburgh Int'l Airport, PA	Between \$10,000,000 and \$25,000,000	TBD	TBD



# VERTICAL CONSTRUCTION OPPORTUNITIES



Solicitation Date	Primary NAICS Code	Project Name	Description	Place of Performance	Estimated \$ Range/ Magnitude of Construction	Competition Type	SubK Opportunity ?
2Q, 2022	237990	Rough River Cofferd Dam	No additional details	Rough River Lake, KY	Between \$10,000,000 and \$25,000,000	Unrestricted	TBD
3Q 2022	236220	FFR Add, ALT Salem, VA, Repair Training Building	Full Facility Renovation of an ARC and OMS at Salem Virginia	Salem ARC, VA	Between \$10,000,000 and \$25,000,000	TBD	TBD
2Q, 2022	236220	Scotia Lighting Upgrades	Lighting and electrical systems upgrades in the interior of two (2) warehouses and four (4) support buildings operated by DLA Strategic Materials Depot	Scotia, NY	Between \$500,000 and \$1,000,000	TBD	TBD
2Q 2022	236220	SRM SAFB ILANG B5022 Renovation	Renovate HVAC, administrative space, bathrooms, water heater and boiler, lighting controls, re-seal windows/doors. Repair building systems, fire suppression, alarm, existing comm. conduit & electrical.	Scott AFB, IL	Between \$10,000,000 and \$25,000,000	TBD	TBD
1Q 2023	236220	Scott AFB Repair Taxiway and Stormwater Pipe	Airfield pavement repair as well as storm water drainage repair.	Scott AFB, IL	Between \$25,000,000 and \$100,000,000	TBD	TBD
1Q 2022	236220	Area Maintenance Support Activity (Southfield, MI)	Construct an Area Maintenance Support Activity (AMSA)	Southfield, MI	Between \$10,000,000 and \$25,000,000	Unrestricted	TBD
3Q 2022	236220	Kansas City Vehicle Maintenance Shop	Construct a Vehicle Maintenance Shop (VMS) at the Tonganoxie ARC	Tonganoxie ARC, KS	Between \$5,000,000 and \$10,000,000	SBSA	TBD
1Q 2022	236220	WPAFB Renovation Basement & Penthouse Bldg. 45 Ph2	Work includes comprehensive interior demolition and reconfiguration of the basement, including renovation of the restrooms.	Wright Patterson Air Force Base, OH	Between \$10,000,000 and \$25,000,000	Unrestricted	Yes
1Q 2022	236220	Construct Facility Addition, F/20079	Construct addition to Facility 20079 consisting of 6,000 SF of lab and computer server space.	Wright Patterson Air Force Base, OH	Between \$1,000,000 and \$5,000,000	Unrestricted	Yes
1Q 2022	236220	Replace Process Cooling Lines B.71D	Project includes all work necessary to replace deteriorated process cooling lines supporting the cooling tower located in facility 21624 (building 71D).	Wright Patterson Air Force Base, OH	Between \$500,000 and \$1,000,000	Unrestricted	Yes



# VERTICAL CONSTRUCTION OPPORTUNITIES



Solicitation	Primary N	Project Name	Description	Place of Performance	Estimated \$ Range/ Magnitude of Construction	Competition Type	SubK Opportunity?
1Q 2022	236220	SRM WPAFB NASIC Mass Notification (NMS)	Mass notification system in the existing NASIC complex at WPAFB	Wright Patterson Air Force Base, OH	Between \$1,000,000 and \$5,000,000	TBD	TBD
1Q 2022	236220	AR Center Training Building/UHS WPAFB	Construct a 300- member Army Reserve Center (ARC) on Wright- Patterson Air Force Base (AFB).	Wright Patterson Air Force Base, OH	Between \$10,000,000 and \$25,000,000	SBSA	TBD
2Q 2022	236220	SRM WPAFB Renovate AFLCMC Admin Fac 20016	Details pending	Wright Patterson Air Force Base, OH	Between \$25,000,000 and \$100,000,000	Unrestricted	TBD
2Q 2022	236220	SRM WPAFB Renovate Survival Equipment Shop B34035	Details pending	Wright Patterson Air Force Base, OH	Between \$5,000,000 and \$10,000,000	SBSA	TBD
2Q 2022	236220	SRM WPAFB Renovation of AFMC HQ	Details pending	Wright Patterson Air Force Base, OH	Between \$250,000,000 and \$500,000,000	Unrestricted	TBD
3Q, 2022	236220	WPAFB Child Development Center with School Age Care (CDC/SAC)	Construct large Child Dev. Ctr. with School-Age Care and playground configured according to draft FC 4-740-14F standard design.	Wright Patterson Air Force Base, OH	Between \$10,000,000 and \$25,000,000	TBD	TBD
3Q 2022	236220	Rickenbacker, OH ARC FFR	Conduct a Full Facility Restoration (FFR) on the Rickenbacker United States Army Reserve Center (USARC) Training Building located in Columbus, OH	Wright Patterson Air Force Base, OH	Between \$25,000,000 and \$100,000,000	SBSA	TBD
1Q 2022	236220	SRM WPAFB Bldg. 22 Modernization	Details pending	Wright Patterson Air Force Base, OH	Between \$5,000,000 and \$10,000,000	SBSA	TBD
1Q 2022	236220	WPAFB Child Development Center (CDC)	Construct new Child Development Center	Wright Patterson Air Force Base, OH	Between \$10,000,000 and \$25,000,000	TBD	TBD



# Questions?